

# Specification

Item number: 9453

## Magnesium hydroxide

≥95 %, Ph. Eur.

CAS No.: 1309-42-8

print date: 01.01.2024

formula:  $Mg(OH)_2$

density: 2,41

molecular weight: 58,32 g/mol

### Guarantee analysis

**Appearance** white powder

**Assay (titr.)** 95,0-100,5 %

**Identity** complies

**Appearance of solution** complies

**Substances soluble in H<sub>2</sub>O** ≤2,0 %

**In CH<sub>3</sub>COOH insoluble matter** ≤0,1 %

**Chloride (Cl)** ≤0,1 %

**Sulphate (SO<sub>4</sub>)** ≤1,0 %

**Calcium (Ca)** ≤1,5 %

**Iron (Fe)** ≤0,07 %

**Loss on ignition (900 °C)** 29,0-32,5 %

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

**Dr. R. Niemand**

*Head of Quality Assurance*

**S. Lorsee**

*Head of Quality Management*

*This document is computer printout and has therefore not been signed by hand.*

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